

DL4X Spot™

Improved, brighter version of the ROBE RGBW LED module allows the DL4X Spot fixture to utilize the specifically modified colour mixing and dimming for extra smooth, stepless operation especially at minimum brightness levels while giving colour outputs brighter than a 1200 Watt discharge unit, but with an average very eco-friendly power consumption of only 250 Watts.

**Light source**

480 W RGBW LED engine

**Light output**

6.320 lm

**Zoom range**

10° - 45°

**Effects**

rotating and static gobo wheel



To magnify the already perfectly smooth colours, fades and dimming, the DL4X features innovative LED driving system for improved, extremely high definition dimming curve for all R, G, B, W colours, with 18 bit resolution. The optical system produces a very smooth, high quality light output of rich, beautiful colours with no shadows and utilizes a versatile zoom of 10 - 45 degrees. Effects features consist of a combination of static and rotating gobo wheels that have custom replaceable positions, variable frost, three-faceted prism, superfast iris and more... including full range dimming and variable strobe effects.

Technical Specification

Source

- Light source type: 480 W RGBW LED engine
- LED life expectancy: min. 20 000 hours
- Control: Automatic and remote on/off
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Optical system

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 4.5:1
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Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: preprogrammed 237 colours including whites (2.700K, 3.200K, 4.200K, 5.600K and 8.000K)
- Colour mixing mode RGBW or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: preprogrammed 237 colours including whites (2.700K, 3.200K, 4.200K, 5.600K and 8.000K)

Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
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Movement

- Pan movement: 540°
- Tilt movement: 280°
- Movement control: Standard and Speed
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- Tilt movement: 280°
- Movement control: Standard and Speed

Rotating gobos

- 7x rotating glass gobos
- Image diameter: 25.0 mm
- Outside diameter: 26.8 mm
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- Image diameter: 25.0 mm
- Outside diameter: 26.8 mm

Static gobos

- 9 x Aluminium gobos
- Outside diameter: 26.9 mm
- Image diameter: 22.5 mm
- 9 x Aluminium gobos
- Outside diameter: 26.9 mm
- Image diameter: 22.5 mm

Thermal specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 90°C (194°F)
- Minimum operating temperature: -5°C (23°F)
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- Maximum surface temperature: 90°C (194°F)
- Minimum operating temperature: -5°C (23°F)

Electrical specification and connections

- Power supply: Electronic auto-ranging Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: maximum 550 W at 230 V / 50 Hz (RGBW = full)
- Typical power consumption: 160 - 215 W (one colour = full)
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- Typical power consumption: 160 - 215 W (one colour = full)

Approvals

- CE Compliant
- cETLus Compliant
- CE Compliant
- cETLus Compliant

Mechanical specification

- Height: 678 mm (26.7")
- Width: 432 mm (17")
- Depth: 480 mm (18.9") - head in horizontal position
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- Width: 432 mm (17")
- Depth: 480 mm (18.9") - head in horizontal position

Rigging

- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points
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- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points

Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON In connector
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- Power cord including powerCON In connector

Optional accessories

- Doughty Trigger Clamp : 17030386
- Safety wire 35 kg: 99011963
- Single Top Loader Case: 10120078-01
- Doughty Trigger Clamp : 17030386

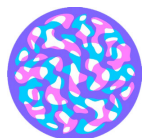
- Safety wire 35 kg: 99011963
- Single Top Loader Case: 10120078-01

Legal

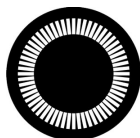
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Gobos&Colours

Rotating Gobo Wheel



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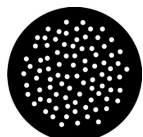
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Static Gobo Wheel



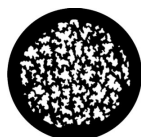
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